

For Research Use Only

ADAM8 Monoclonal antibody

Catalog Number: 68113-1-Ig



Basic Information

Catalog Number:	68113-1-Ig	GenBank Accession Number:	BC115404	Purification Method:	Protein G purification
Size:	150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	101	CloneNo.:	3A12H2
Source:	Mouse	UNIPROT ID:	P78325	Recommended Dilutions:	WB 1:1000-1:4000
Isotype:	IgG1	Full Name:	ADAM metalloproteinase domain 8		
Immunogen Catalog Number:	AG17262	Calculated MW:	824 aa, 89 kDa		
		Observed MW:	90 kDa		

Applications

Tested Applications:	WB, FC, ELISA	Positive Controls:	
Species Specificity:	human, pig	WB :	human testis tissue, HaCaT cells, A431 cells, pig stomach tissue, pig pancreas tissue

Background Information

ADAM8 is a type I transmembrane (TM) glycoprotein consisting of an N-terminal prodomain, followed by a metalloproteinase-, disintegrin (DIS)-, cysteine-rich-, epidermal growth factor (EGF)-like- and TM domain and a cytoplasmic tail. Expression levels of ADAM8 in normal tissue are typically low and limited to a few distinct cell types in the lymphatic organs as components of the immune system, the central nervous system, bone, and the lung. This antibody can be used to detect endogenous ADAM8 with an apparent molecular weight of 90 kDa (the calculated MW). ADAM8 also can be detectable as a band with a molecular weight (MW) of 98 kDa, slightly larger than the calculated MW (90 kDa) (PMID:11050116).

Storage

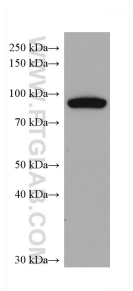
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

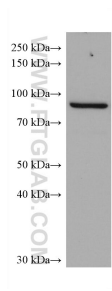
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

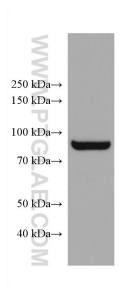
Selected Validation Data



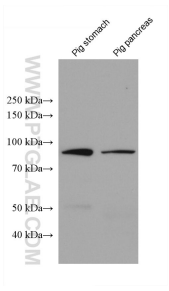
human testis tissue were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



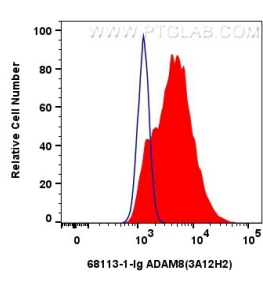
HaCaT cells were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



A431 cells were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1x10⁶ A431 cells were surface stained with 0.8 ug ADAM8 Monoclonal antibody (68113-1-Ig, Clone:3A12H2) and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (red), or 0.8 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were not fixed.